

Fanshawe College

FIRST: Fanshawe Innovation, Research, Scholarship, Teaching

Documentation (Approvals etc...)

Cyber Security

2016

CYB1 New DA for 2017-18

Fanshawe College

Follow this and additional works at: https://first.fanshawec.ca/cae_infotech_cybersecurity_documentation

Degree Audit Report

Catalog: 2017/2018

Program: CYB1
Department: ITY - Information Technology
Academic Level: PS
CCD: 9 - 6AcadSem/1800-2100hrs

Name: Cyber Security

Grade Scheme: LG2

Major: CYB1 - Cyber Security

Div: ITY - Information Technology Division

Co-Op Indicator: Mandatory Co-op

Academic Program Requirement

Total Credits: 0.000
GPA Requirement: 2.000
Minimum Grade:

Residency Reqmt: 0.000
Residency Reqmt GPA: 0.000

REGISTERED

DEC 05 2016

Academic Requirement:

Major:
Grade Scheme:
Minimum GPA:
Minimum Grade:

CHIEF OF POLICE

JW Edm
Approved By Chair/Manager:

ITY Nov 24/16
Department and Date:

W B...
Approved by Dean:

Nov 30/16
Date:

General Education Approved By(as appropriate):

Date:

Degree Audit Report

Catalog: 2017/2018
 Program: CBY1

Name: Cyber Security

Subrequirement: Level 1 Total Hours Total Credits GE

Take all of the following Mandatory Courses:

Group 1

✓ INFO-1218	Operating Systems Fundamentals for Security	45.00	3.00	
✓ INFO-1220	Database Fundamentals for Security	45.00	3.00	
✓ INFO-1221	Networking Fundamentals for Security	75.00	5.00	
✓ INFO-1222	Programming Fundamentals for Security	75.00	5.00	
✓ PHIL-1019	Ethics	45.00	3.00	**

Group 2

TAKE WRIT-1043 OR WRIT-1034

✓ WRIT-1043	Reasoning & Writing 1 for IT	45.00	3.00	
✓ WRIT-1034	Reasoning & Writing 1 - EAP	60.00	4.00	

Subrequirement: Level 2 Total Hours Total Credits GE

Take all of the following Mandatory Courses:

✓ CRIM-1036	Cybercrime	45.00	3.00	
✓ INFO-1207	Network Components	60.00	4.00	
✓ INFO-1208	PHP Fundamentals	45.00	3.00	
✓ INFO-1209	Cryptography & Authentication Systems	45.00	3.00	
✓ INFO-1210	Introduction to UNIX	60.00	4.00	
✓ INFO-1212	Securing Windows Systems	45.00	3.00	
✓ SRTY-1021	Cyber Security	45.00	3.00	

Subrequirement: Level 3 Total Hours Total Credits GE

Take all of the following Mandatory Courses:

✓ COMM-3077	Communications for IT	45.00	3.00	
✓ COOP-1020	Co-operative Education Employment Preparation	15.00	1.00	
✓ INFO-3127	Network Protocols	45.00	3.00	
✓ INFO-3128	Secure Scripting & Automation	45.00	3.00	
✓ SRTY-3004	Web Security	45.00	3.00	
✓ SRTY-3005	Security Mechanisms	45.00	3.00	
✓ SRTY-3007	Auditing & Security Controls	45.00	3.00	
✓ SRTY-3008	Security Management	45.00	3.00	

CO-OP TERM 1

Subrequirement: Level 4 Total Hours Total Credits GE

Take all of the following Mandatory Courses:

✓ COMM-1127	Technical Writing & Presentation	45.00	3.00	
✓ CRIM-3001	Criminology	45.00	3.00	**
✓ INFO-3126	Wireless and Mobile	45.00	3.00	
✓ INFO-3129	Network Monitoring	60.00	4.00	
✓ INFO-3130	LAMP Security	60.00	4.00	
✓ INFO-3131	Evolving Technologies & Threats	45.00	3.00	
✓ SRTY-3009	Computational Intelligence	45.00	3.00	

CO-OP TERM 2

Subrequirement: Level 5 Total Hours Total Credits GE

Take all of the following Mandatory Courses:

✓ INFO-5096	Managing & Budgeting Technical Projects	45.00	3.00	
✓ INFO-5117	Digital Forensics	45.00	3.00	
✓ INFO-5118	Perimeter Defense & Design	60.00	4.00	
✓ INFO-5119	Attack Vectors & Analysis	45.00	3.00	
✓ SRTY-3012	Incidence Handling & Response	45.00	3.00	
✓ SRTY-5007	Penetration Testing	60.00	4.00	

CO-OP TERM 3

Subrequirement: Level 6 Total Hours Total Credits GE

Take all of the following Mandatory Courses:

✓ INFO-5116	Research Project & Entrepreneurship	75.00	5.00	
✓ INFO-5120	Secure Network Architecture	45.00	3.00	
✓ SRTY-5004	Hacking Techniques & Exploits	60.00	4.00	
✓ SRTY-5005	Penetration Testing-Adv.	60.00	4.00	
✓ SRTY-5006	Malware Analysis & Response	60.00	4.00	

Subrequirement: Gen Ed - Electives

Take 6 General Education Credits - Normally taken in Levels 5 and 6

TG
Dec 9/16